EPHEMERIS
OR
DIARY.
SHEWING
The INTEREST and
REBATE of MONEY
6 per centum, according to
Simple and Compound Interest, for
every Day in the Year.
TOGETHER
With other Tables [illegible]

A Table shewing the Cycle of the Sun and Dominical letter in both accompts.

Year of our Lord	☉	English Letter	Roman Letter
1672	1	GF	CB
	2	E	A
	3	D	G
	4	C	F
	5	BA	ED
	6	G	C
	7	F	B
	8	E	A
1680	9	DC	GF
	10	B	E
	11	A	D
	12	G	C
	13	FE	BA
	14	D	G
	15	C	F
	16	B	E
	17	AG	DC
	18	F	B
1690	19	E	A
	20	D	G
	21	CB	FE
	22	A	D
	23	G	C
1695	24	F	B
1668	25	ED	AG
1669	26	C	F
1670	27	B	E
1671	28	A	D

A Table shewing the Golden Number, and Epact in both Accompts.

Year of our Lord.	Golden Numb.	English Epact.	Roman Epact.
1672	1	11	1
	2	22	12
	3	3	23
	4	14	4
	5	25	15
	6	6	26
	7	17	7
	8	28	18
	9	9	29
1680	10	20	10
	11	1	21
	12	12	2
	13	23	13
	14	4	24
1686	15	15	5
1668	16	26	16
1669	17	7	27
1670	18	18	8
1671	19	29	19

AN EXPLANATION OF THE TABLES SHEWING The Sunday Letter, Golden Number, Epact, and Moveable Feasts.

IN the Table shewing the Circle of the Sun and Dominical Letter, right against the year of our Lord, you have in the next column the circle of the Sun, the Dominical letter according to our *English* Accompt in the third column, and the Dominical letter according to the soveraign accompt in the fourth column.

Example. This present year, 1668. the circle of the Sun is 25, the *English* Letters are E D, and the *Roman* A G, the first is the Sunday letter until the 24 of

Februarij, and the other all the year after.

Note also, that when the years in this Table are expired, you may begin them again by placing 1696 in the room of 1668, and so on, and the contrary for any time past, and so the Table will be perpetual. Or the Cycle of the Sun may be Arithmetically found in this manner.

Add 9 to the year of our Lord (because our Saviour was born when the *Cycle* was 9) and divide the sum by 28 the quotient will shew how often this circle hath gone about since Christs birth, and the remainder will shew which of the 28 the present is, if nothing the *Cycle* is 28. *Example*, To the year of our Lord 1668, I add 9, and it maketh 1677, which being divided by 28, the quotient is 59, and so often hath this circle gone about, since our Saviours birth, the remainder is 25, which is the *Cycle* of the Sun for that year, as was said before.

The Table shewing the Prime or Golden Number, and Epact is in like manner divided into four columns, in the first is the year of our Lord, the Golden Number in the second, the *English* Epact in the third, and the *Roman* Epact in the fourth. Thus in the year 1668 the Golden Number is 16. The *English* Epact 26, and the *Roman* 16. When the years in this Table are expired, they may be continued as in the former example,

ample, by placing 1687 in the room of 1668, and the contrary for any time past, and so this Table also will be perpetual.

Or the Golden Number and Epact may be Arithmetically found in this manner.

To find the Golden Number, adde 1 to the year of our Lord, and divide the sum by 19, the remainder is the Golden Number. As for Example, I add one to the year 1668, and it maketh 1669, which being divided by 19, the remainder is 16, which is the Golden number as before.

To find the *English* Epact, multiply the Golden number by 11, and the product divide by 30, the remainder is the Epact. Example, In the year 1668 the Golden Number is 16, which being multiplied by 11, the product is 176, which being divided by 30 the remainder is 26, which is the Epact as before.

Having thus found the *Cycle* of the Sun, Dominical Letter, Golden Number, and Epact, you may easily find the moveable Feasts: for if you seek the *English* Epact in the first column of the Table, and your Sunday Letter that next followeth it in the second, right against your Sunday Letter is set down the moveable Feasts required. Example, In the year of our Lord 1668 the Sunday Letters are E D, and the Epact 26, this Epact 26 is the last in the Table, and the first E that followeth it, is in the second

line; which sheweth that *Ashwednesday* is *Feb.* 5. and because that Letter serveth for no longer time than the 24 of *February*, therefore the letter D must give me the other Feasts, which is the Letter above it, and so I find *March* the 22. to be *Easter-day*, *April* 30. *Ascension-day*, *May* 10. *Whitsunday*, &c.

In like manner the Epact in the Forraign account is 1633 the Sunday Letters A G, which being sought in the two last columns of this Table, according to the former directions, I find *Feb.* 22. to be *Ashwednesday*, *April* 2. *Easter day*, *May* the 17 *Ascension day*, &c.

A Table

A Table shewing the Moveable Feasts in both Accounts.

Epact. English.	Dom. Letter.	Ashwednesday.	Easter day.	Ascension day.	Whitsunday.	Trinity Sund.	Advent Sund.	Dominic. Let.	Epact. Roman.
25	D	Feb. 4	Mar. 22	April 30	May 10	May 17	Nov. 29	D	
24	E	5	23	May 1	11	18	30	E	
23	F	6	24	2	12	19	Dec. 1	F	29
22	G	7	25	3	13	20	2	G	28
21	A	8	26	4	14	21	3	A	27
20	B	9	27	5	15	22	Nov. 27	B	26
19	C	10	28	6	16	23	28	C	
18	D	11	29	7	17	24	29	D	25
17	E	12	30	8	18	25	30	E	24
16	F	13	31	9	19	26	Dec. 1	F	23
15	G	14	April 1	10	20	27	2	G	22
14	A	15	2	11	21	28	3	A	21
13	B	16	3	12	22	29	Nov. 27	B	20
12	C	17	4	13	23	30	28	C	19
11	D	18	5	14	24	31	29	D	18
10	E	19	6	15	25	June 1	30	E	17
9	F	20	7	16	26	2	Dec. 1	F	16
8	G	21	8	17	27	3	2	G	15
7	A	22	9	18	28	4	3	A	14
6	B	23	10	19	29	5	Nov. 27	B	13
5	C	24	11	20	30	6	28	C	12
4	D	25	12	21	31	7	29	D	11
3	E	26	13	22	June 1	8	30	E	10
2	F	27	14	23	2	9	Dec. 1	F	9
1	G	28	15	24	3	10	2	G	8
	A	Marc. 1	16	25	4	11	3	A	7
	B	2	17	26	5	12	Nov. 27	B	6
	C	3	18	27	6	13	28	C	5
29	D	4	19	28	7	14	29	D	4
28	E	5	20	29	8	15	30	E	3
27	F	6	21	30	9	16	Dec. 1	F	2
26	G	7	22	31	10	17	2	G	1
25	A	8	23	June 1	11	18	3	A	
24	B	9	24	2	12	19	Nov. 27	B	
23	C	10	25	3	13	20	28	C	

January hath xxxi. dayes.

Dayes M.	W	Feasts Dayes.	Simple Interest.	Simple Rebate.
1	A	Circum	.000164383	.999835643
2	B		.000328767	.999671341
3	C		.000493151	.999507092
4	D		.000657534	.999342897
5	E		.000821917	.999178757
6	F	Epipha.	.000986301	.999014670
7	G		.001150684	.998856376
8	A		.001315068	.998686658
9	B		.001479452	.998522733
10	C		.001643835	.998358864
11	D		.001808219	.99818353
12	E		.001972692	.99803128
13	F		.002136986	.99786758
14	G		.002301369	.9977039I
15	A		.002465753	.9975403I
16	B		.002630137	.99737775
17	C		.00279452O	.9972I216
18	D		.002958904	.99704982
19	E		.003123287	.99688643
20	F		.003287671	.99672256
21	G		.003452054	.99656124
22	A		.003616438	.996396S9
23	B		.003780821	.99623341
24	C		.003945205	.99607018
25	D	S. Pauls	.004109589	.99590712
26	E	Conver.	.004273972	.99574421
27	F		.004438356	.99557121
28	G		.004602739	.99541834
29	A		.004767123	.99525350
30	B		.004931506	.99509269
31	C		.005095890	.99492999

Decimal fractions for days.	Compound Interest.	Compound Rebate.
1 00027397	1.000159647	.999843718
2 00054794	1.000319336	.999680769
3 00082191	1.000479037	.999521192
4 01109589	1.000638768	.999361640
5 01136986	1.000798522	.999202110
6 01164383	1.000958305	.999044152
7 01191781	1.001118111	.998883138
8 01219178	1.001277942	.998723688
9 01246575	1.001437800	.998564105
10 01273972	1.001597683	.998404865
11 03301369	1.001757592	.998245492
12 03328767	1.001917526	8086144
13 03356164	1.002077486	7926821
14 03383561	1.002237471	7767524
15 04110958	1.002397482	7598252
16 38365	1.002557511	997449006
17 65753	1.002717580	7289785
18 93150	1.002877667	7130574
19 05220547	1.003037780	6971420
20 47945	1.003197919	6812275
21 75342	1.003358083	6653160
22 06002739	1.003518273	6490514
23 30136	1.003678488	6335000
24 57534	1.003938729	6174730
25 84931	1.003998995	6016930
26 07123288	1.004159285	585795°
27 39726	1.004319605	5698960
28 67123	1.004479948	5540000
29 94520	1.004640310	5381030
30 08219178	1.004800712	5222225
31 41315	1.004961132	5063302

February hath xxviii. dayes.

Dayes M. W		Feast Dayes.	Simple Interest.	Simple Rebate.
1	D	Past	.005260273	.99476725
2	E	Purific:	.005424657	.99460461
3	F	Mary.	.005589041	.99444102
4	G		.005753424	.99427948
5	A		.005917808	.99411700
6	B		.006082191	.99395457
7	C		.006246575	.99379220
8	D		.006410958	.99363981
9	E		.006575342	.99346761
10	F		.006739726	.99330539
11	G		.006904109	.99314322
12	A		.007668493	.99298111
13	B		.007232876	.99281906
14	C	Valent.	.007397260	.99265507
15	D		.007561642	.99249510
16	E		.007726027	.99233320
17	F		.007890410	.99217136
18	G		.008054794	.99200956
19	A		.008219178	.99184782
20	B		.008383561	.99178530
21	C		.008547945	.99152460
22	D		.008712328	.99136292
23	E		.008876712	.99120139
24	F	S. Mat.	.009041095	.99103991
25	G		.009205479	.99087757
26	A		.009369863	.99071711
27	B		.009534246	.99054589
28	C		.009698630	.99039453

Decimal fractions for days.	Compound Interest.	Compound Rebate.
32 08767712	1.005121577	.99490454
33 09041109	1.005282467	.99474572
34 31506	1.005442545	.99457739
35 58904	1.005603068	.99442816
36 86301	1.005763616	.99426940
37 10136698	1.005924190	.99411098
38 41095	1.006084789	.99395201
39 68493	1.006245414	.99379336
40 95890	1.006406528	.99363473
41 11232287	1.006566741	.99347585
42 50684	1.006727443	.99331752
43 78082	1.006888171	.99315897
44 12054479	1.007048924	.99300041
45 32876	1.007209703	.99284192
46 60275	1.007370508	.99268343
47 87671	1.007531338	.99252496
48 13313068	1.007692194	.99246652
49 42465	1.007853076	.99230812
50 69863	1.008013983	.99215974
51 97260	1.008174916	.99189139
52 14246657	1.008335850	.99173305
53 52054	1.008496859	.99157472
54 79452	1.008657870	.99141646
55 15068849	1.008817904	.99125817
56 34246	1.008979967	.99110000
57 61643	1.009141054	.99094178
58 89041	1.009302121	.99077358
59 16164438	1.009463306	.99062543

March hath xxxi. dayes.

Dayes M.	W	Feast Dayes.	Simple Interest.	Simple Rebate.
1	D	David	.009863013	.99023331
2	E	(had. B.	.010027397	.99007215
3	F	Litchf.	.010191780	.98991104
4	G		.010356164	.98974998
5	A		.010520547	.98958898
6	B		.010684931	.98942802
7	C		.010849315	.98926712
8	D		.011013698	.98910628
9	E		.011178082	.98894548
10	F		.011342465	.98878474
11	G		.011506849	.98851431
12	A		.011671232	.98846341
13	B		.011835616	.98830188
14	C		.011999999	.98814130
15	D		.012164383	.98798181
16	E		.012328767	.98779942
17	F		.012493150	.98765812
18	G		.012657534	.98750067
19	A		.012821917	.98734042
20	B		.012986301	.98718018
21	C		.013150684	.98702001
22	D		.013315068	.98685979
23	E	Fast.	.013479452	.98669982
24	F	Annun-	.013643835	.98655980
25	G	ciation.	.013808219	.98637985
26	A		.013972602	.98621895
27	B		.014136986	.98606019
28	C		.014301369	.98590027
29	D		.014465753	.98574052
30	E		.014630136	.98558081
31	F		.014794520	.98542116

Decimal fractions for days.		Compound Interest.	Compound Rebate.
60	1643835	1.009624470	.99046730
61	71232	1.009785661	.99030920
62	98630	1.009946877	.99015109
63	1726027	1.010108118	.98999302
64	53424	1.010269386	.98983501
65	80821	1.010430680	.98967690
66	1808219	1.010591909	.98951904
67	35616	1.010753343	.98936109
68	63013	1.010914719	.98920314
69	90410	1.011076110	.98904523
70	1917808	1.011237532	.98888738
71	45205	1.011398513	.98872972
72	72602	1.011560453	.98857166
73	2000000	1.011721952	.98841382
74	27397	1.011883485	.98825610
75	54794	1.012045028	.98809830
76	82191	1.012206604	.98794061
77	2109589	1.012368207	.98778290
78	36986	1.012529835	.98762525
79	64383	1.012691489	.98746759
80	91780	1.012853169	.98731000
81	2219178	1.013014874	.98715234
82	46575	1.013176606	.98699477
83	73972	1.013338368	.98683722
84	2301369	1.013500145	.98667970
85	28767	1.013661955	.98652220
86	56164	1.013823790	.98636472
87	83561	1.013985650	.98620727
88	2410958	1.014147538	.98604984
89	38356	1.014309449	.98589243
90	65753	1.014471385	.98573505

April hath xxx. dayes.

Dayes M.	W	Feast Dayes.	Simple Interest.	Simple Rebate.
1	G		.01495890 4	.98526156
2	A		.01512328 7	.98509216
3	B		.01528767 1	.98493267
4	C		.01545205 4	.98478307
5	D		.01561643 8	.98462368
6	E		.01578082 1	.98446434
7	F		.01594520 5	.98430505
8	G		.01610958 9	.98413598
9	A		.01627397 2	.98398661
10	B		.01643835 6	.98382750
11	C		.01660273 9	.98366840
12	D		.01676712 3	.98350937
13	E		.01693150 6	.98335039
14	F		.01709589 0	.98319146
15	G		.01726027 3	.98303259
16	A		.01742465 7	.98287376
17	B		.01758904 1	.98271671
18	C		.01775342 4	.98255587
19	D		.01791780 8	.98239788
20	E		.01808219 1	.98223896
21	F		.01824657 5	.98208039
22	G		.01841095 8	.98192285
23	A		.01857534 2	.98176340
24	B		.01873972 6	.98160498
25	C	S. Mark	.01890410 9	.98144662
26	D		.01906849 3	.98128831
27	E		.01923287 6	.98113004
28	F		.01939726 0	.98097183
29	G		.01956164 3	.98081364
30	A		.01972602 7	.98064476

Decimal fractions for days.		Compound Interest.	Compound Rebate.
91	2493159	1.01463352	.98557771
92	2520547	1.01479534	.98542038
93	47945	1.01495735	.98526308
94	75342	1.01511939	.98510580
95	2602739	1.01528146	.98494857
96	30136	1.01544356	.98479138
97	57534	1.01560567	.98463412
98	8493.1	1.01576782	.98447696
99	2712328	1.01592999	.98431979
100	39726	1.01609289	.98416267
101	67123	1.01625441	.98400557
102	94520	1.01641663	.98384852
103	2821917	1.01657893	.98369142
104	49315	1.01674124	.98353444
105	76712	1.01699354	.98337745
106	2904109	1.01706591	.98322045
107	31506	1.01722829	.98306348
108	58904	1.01739699	.98290656
109	86301	1.01755313	.98274965
110	3013698	1.01771558	.98259280
111	41095	1.01787806	.98243595
112	68493	1.01804585	.98227911
113	95890	1.01820310	.98212235
114	3123287	1.01836566	.98196556
115	50684	1.01852825	.98180880
116	78082	1.01869086	.98165208
117	3205479	1.01885350	.98149538
118	32876	1.01901617	.98133871
119	60273	1.01917885	.98118208
120	87671	1.01934573	.98102544

May hath xxxi. dayes.

Dayes M. W		Feast Dayes.	Simple Interest.	Simple Rebate.
1	B	Philip &	.019890410	.98049750
2	C	Jacob.	.020054794	.98033949
3	D		.020219178	.98018153
4	E		.020383561	.98002362
5	F		.020547945	.97986577
6	G		.020712328	.97970698
7	A		.020876712	.97955021
8	B		.021041095	.97939250
9	C		.021205479	.97923485
10	D		.021369863	.97907725
11	E		.021534246	.97891970
12	F		.021698630	.97887093
13	G		.021863013	.97860475
14	A		.022027397	.97844735
15	B		.022191780	.97828031
16	C		.022356164	.97813270
17	D		.022520547	.97797545
18	E		.022684931	.97782908
19	F		.022849315	.97766111
20	G		.023013698	.97750401
21	A		.023178082	.97734697
22	B		.023342465	.97718889
23	C		.023506849	.97702326
24	D		.023671232	.97687613
25	E		.023835616	.97671929
26	F		.023999999	.97656250
27	G		.024164383	.97640575
28	A		.024328767	.97624906
29	B		.024493150	.97609242
30	C		.024657534	.97593581
31	D		.024821917	.97577928

Decimal fractions for days		Compound Interest.	Compound Rebate.
121	3315068	1.019504313	.98086884
122	42465	1.019667083	.98071828
123	69862	1.019829875	.98055573
124	97260	1.019991694	.98039918
125	3424657	1.020155541	.98024268
126	52054	1.020318411	.98008050
127	79452	1.020481309	.97992977
128	3506849	1.020644233	.97977384
129	34246	1.020807182	.97961693
130	61643	1.020970158	.97946058
131	89041	1.021133159	.97930424
132	3616438	1.021296186	.97914790
133	43835	1.021461593	.97899159
134	71232	1.021622323	.97883531
135	98630	1.021785425	.97867907
136	3726027	1.021948558	.97852283
137	53424	1.022111715	.97836580
138	80821	1.022274899	.97821047
139	3808219	1.022438109	.97805432
140	35616	1.022601344	97789558
141	63013	1.022764607	.97774209
142	90419	1.022927895	.97758601
143	3917808	1.023091208	.97743000
144	45205	1.023254549	.97727394
145	72602	1.023417914	.97711795
146	4000000	1.023581308	.97696198
147	27397	1.023744727	.97680602
148	54794	1.023908170	.97665000
149	82191	1.024071642	.97649420
150	4109589	1.024235137	.97633831
151	36986	1.024398660	.97618242

June hath xxx dayes.

Dayes M.W.		Feast Dayes.	Simple Interest.	Simple Rebate.
1	E		.024986301	.97562252
2	F		.025150684	.97546635
3	G		.025315068	.97530996
4	A		.025479452	.97515362
5	B		.025643835	.97499732
6	C		.025808219	.97484110
7	D		.025972692	.97468489
8	E		.026136986	.97452875
9	F		.026301369	.97437266
10	G		.026465753	.97421662
11	A		.026630136	.97406063
12	B		.026794520	.97393248
13	C		.026958904	.97373906
14	D		.027123287	.97359296
15	E		.027287671	.97343716
16	F		.027452054	.97323225
17	G		.027616438	.97312573
18	A		.027780821	.97297009
19	B		.027945205	.97281449
20	C		.028109589	.97265895
21	D		.028273972	.97250346
22	E		.028438356	.97233829
23	F		.028602739	.97219272
24	G	J. Bapt.	.028767123	.97203728
25	A		.028931506	.97188198
26	B		.029095890	.97172674
27	C		.029260273	.97157155
28	D		.029424657	.97141640
29	E	Pet. Apost	.029589041	.97126130
30	F		.029753424	.97110626

Decimal fractions for days.	Compound Interest.	Compound Rebate.
152 4164383	1,024562213	·97002062
153 91780	1,023472585	·97587085
154 4219178	1.024989386	·97577725
155 46575	1.025053613	·97555932
156 73972	1.025216666	·97548703
157 4301369	1.025380346	·97514788
158 28767	1.025544052	·97509222
159 56164	1.025707783	·97493656
160 83561	1.025871541	·97478092
161 4410958	1.026035316	·97462532
162 38356	1.026199125	·97446975
163 65753	1.026362972	·97431419
164 93150	1.026526834	·97415867
165 4520547	1.026690723	·97300316
166 47945	1.026854641	·97384769
167 75342	1.027018579	·97369224
168 4602739	1.027182546	·97353679
169 30136	1.027346543	·97338139
170 57534	1.027510559	·97322603
171 84931	1.027674605	·97307067
172 4712328	1.027838677	·97291267
173 39725	1.028002774	·97276000
174 67123	1.028166899	·97260544
175 94520	1.028331053	·97244950
176 4821917	1.028495226	·97229425
177 49315	1.028659434	·97213905
178 76712	1.028823659	·97198387
179 4904109	1.028987914	·97182872
180 33506	1.029152196	·97167360
181 58904	1.029316503	·97151847

July hath xxxi dayes.

Dayes M.	W	Feasts Dayes.	Simple Interest.	Simple Rebate.
1	G		.02991 7008	97095126
2	A		.03008 2191	.97079631
3	B		.03024 6575	.97064161
4	C		.03041 0958	.97048676
5	D		.03057 5342	.97033177
6	E		.03073 9726	.97017701
7	F		.03090 4109	.97002232
8	G		.03106 8493	.96986766
9	A		.03123 2876	.96971308
10	B		.03139 7260	.96955849
11	C		.03156 1643	.96940400
12	D		.03172 6027	.96924956
13	E		.03189 0410	.96909515
14	F		.03205 4794	.96896049
15	G		.03221 9178	.96878649
16	A		.03238 3561	.96863223
17	B		.03254 7945	.96847808
18	C		.03271 2328	.96832387
19	D		.03287 6712	.96816976
20	E		.03304 1095	.96801570
21	F		.03320 4479	.96786168
22	G		.03336 8863	.96770775
23	A		.03353 3246	.96755381
24	B		.03369 8630	.96739994
25	C		.03386 3013	.96724613
26	D		.03402 7397	.96709230
27	E		.03419 1780	.96693861
28	F		.03435 6164	.96678497
29	G		.03452 0547	.96663135
30	A		.03468 4931	.96647778
31	B		.03484 9315	.96632426

Decimal fractions for days.	Compound Interest.	Compound Rebate.
182 4986301	1.029480838	.97136340
183 5013698	1.029645199	.97120836
184 41095	1.029809584	.97105288
185 68493	1.029973997	.97089830
186 95890	1.030138442	.97074321
187 5123287	1.030302901	.97058839
188 50684	1.030467393	.97043344
189 78082	1.030631911	.97027854
190 5205479	1.030796454	.97012363
191 32876	1.030961026	.96996879
192 60273	1.031125622	.96981397
193 87671	1.031290244	.96966915
194 5315068	1.031454895	.96950345
195 42465	1.031619570	.96934959
196 69862	1.031784271	.96919486
197 97260	1.031949000	.96904000
198 5424657	1.032113752	.96889539
199 52054	1.032278534	.96871080
200 79452	1.032443342	.96857618
201 5506849	1.032608174	.96842156
202 34246	1.032773034	.96826698
203 61643	1.032937920	.96811238
204 89041	1.033102832	.96795786
205 5616438	1.033267771	.96780334
206 43835	1.033432736	.96764886
207 71232	1.033597703	.96749441
208 98630	1.033757985	.96734000
209 5726027	1.033927789	.96718554
210 53424	1.034092859	.96703115
211 80821	1.034257956	.96687679
212 5808219	1.034423079	.96672245

August hath lxxi. dayes.

Dayes M.	W	Feast Dayes.	Simple Interest.	Simple Rebate.
1	C	Lammas.	.035013698	.96617078
2	D		035178082	.96601736
3	E		.035342465	.96586398
4	F		.035506849	.96571065
5	G		.035671232	.96555737
6	A		.035835616	.96540414
7	B		.035999999	.96525096
8	C		.036164383	.96509783
9	D		.036328767	.96494474
10	E		.036493150	.96479171
11	F		.036657534	.96463872
12	G		.036821917	.96448578
13	A		.036986301	.96433289
14	B		.037150684	.96418005
15	C		.037315068	.96402725
16	D		479452	.96387451
17	E		643835	.96372181
18	F		808219	.96356916
19	G		972602	.96341656
20	A		.038136986	.96326401
21	B		301369	.96311150
22	C		465753	.96295905
23	D	fast	630136	.96280664
24	E	Bartho.	794520	.96265428
25	F		958904	.96250197
26	G		.039123287	.96234971
27	A		287671	.96219750
28	B		452054	.96204533
29	C		616438	.96189321
30	D		780821	.96174114
31	E		945205	.96158912

Decimal fractions for days.	Compound Interest.	Compound Rebate.
213 5835616	1.0345882204	.966568413
214 63013	4753404	.96641383
215 90410	4918606	.96625957
216 59 17808	5083763	.96610532
217 45205	5249089	.96595108
218 72602	5414370	.96579693
219 60000000	5579678	.96564277
220 27397	5745016	.96548860
221 54794	5910371	.96533448
222 82191	6075759	.96518027
223 61095588	6241173	.96502633
224 36986	6406611	.96486228
225 63783	6572078	.96471826
226 91780	6737573	.96456426
227 62191778	6903089	.96441031
228 46575	7068659	.96425635
229 73972	7234207	.96410242
230 63901369	7399804	.96394853
231 28767	7565430	.96379463
232 56164	7731080	.96364078
233 83561	7896757	.96348698
234 64109958	8062462	.96333319
235 38356	8228192	.96317940
236 65753	8093948	.96302565
237 93150	8559733	.96287195
238 65120547	8725542	.96271822
239 47945	8891378	.96256454
240 75342	9057241	.96241086
241 66027739	9223106	.96225727
242 30136	9389046	.96210368
242 57534	9554988	.96195000

September hath xxx. dayes.

Dayes M.	W	Feast Dayes.	Simple Interest.	Simple Rebate.
1	F		.040109589	.96143715
2	G		273972	.96128522
3	A		438356	.96113334
4	B		602739	.96098151
5	C		797123	.96082012
6	D		931506	.96067800
7	E		.041095890	.96052631
8	F		260273	.96037467
9	G		424657	.96022308
10	A		589041	.96007164
11	B		753424	.95992005
12	C		917808	.95976860
13	D		.042082191	.95961720
14	E		246575	.95946585
15	F		410958	.95931455
16	G		575342	.95916329
17	A		739726	.95901208
18	B		904109	.95886092
19	C		.043068493	.95870981
20	D		232876	.95855874
21	E	S. Matthew.	397260	.95840773
22	F		591643	.95825676
23	G		726027	.95810583
24	A		890410	.95795496
25	B		.044054794	.95780413
26	C		219178	.95765335
27	D		383561	.95750262
28	E		547945	.95735192
29	F	S. Michael.	712328	.95720130
30	G		876712	.95705071

Decimal fractions for days.	Compound Interest.	Compound Rebate.
244 6684931	1.039720972	.96179656
245 67123 28	1.039886952	.96164300
246 39725	1.040052974	.96148953
247 67123	.0219022	.96133603
248 94520	0385096	.96118255
249 6821917	0551198	.96102914
250 49315	0717326	.96097574
251 76712	0883480	.96072235
252 6904109	1049661	.96056900
253 31506	1215868	.96041567
254 58904	1382102	.96026235
255 86301	1548363	.96010906
256 7013698	1714649	.95995581
257 41095	1880960	.95980257
258 68492	2047303	.95964937
259 95890	2213669	.95949616
260 7123287	2380062	.95934300
261 50684	2546482	.95917986
262 78082	2712928	.95903681
263 7205479	2879401	.95888766
264 32876	3045901	.95873057
265 60273	3212426	.95857754
266 87671	3378979	.95842452
267 7315068	3545559	.95827154
268 42465	3712164	.95811850
269 69862	3878797	.95796565
270 97260	4045456	.95781269
271 7424657	4212141	.95775984
272 52054	4378853	.95750552
273 79451	4545592	.95735409

October hath xxxi. dayes.

Dayes M.		Feast Dayes.	Simple Interest.	Simple Rebate.
1	A		.045041095	.95690016
2	B		205479	.95674010
3	C		369863	.95650356
4	D		534246	.95644886
5	E		698630	.95629846
6	F		863013	.95614816
7	G		.046027397	.95604190
8	A		191780	.95584769
9	B		356164	.95569752
10	C		520547	.95554741
11	D		684931	.95539734
12	E		849315	.95524731
13	F		.047013798	.95509734
14	G		178082	.95494741
15	A		342465	.95479753
16	B		506849	.95464769
17	C		671232	.95449790
18	D		835616	.95434801
19	E		.048000000	.95419847
20	F		164383	.95404882
21	G		328763	.95389922
22	A		493150	.95374967
23	B		657534	.95360016
24	C		821917	.95345070
25	D		986301	.95330120
26	E		.049150684	.95315192
27	F		315068	.95300261
28	G	Simon & Jude.	479452	.95285333
29	A		643835	.95270411
30	B		808219	.95255493
31	C		972602	.95240580

Decimal fractions for days.		Compound Interest.	Compound Rebate.
274	7506849	1.0447123357	.95720127
275	34246	4879150	.95704850
276	61643	5045969	.95689570
277	89041	5212813	.95674297
278	7616438	5379786	.95659024
279	43835	5546585	.95643755
280	71232	5713509	.95628489
281	98630	5884074	.95613222
282	7726027	6057440	.95597960
283	53424	6214445	.95582685
284	80821	6381411	.95567441
285	7808219	6548536	.95552187
286	25616	6710807	.95536934
287	63013	6882733	.95521676
288	90410	7049872	.95506443
289	7917808	7217036	.95491191
290	45205	7384229	.95475947
291	72602	7551448	.95460712
292	8000000	7718696	.95445468
293	27397	7885989	.95430232
294	54794	8053264	.95415000
295	82191	8220589	.95399769
296	8109588	8387941	.95384540
297	36986	8555320	.95379316
298	64383	8722726	.95354090
299	91780	8890158	.95338868
300	8219178	9057400	.95323649
301	46575	9225103	.95308434
302	73972	9392616	.95293217
303	8301369	9560107	.95278000
304	28767	9727721	.95262800

November hath xxx. dayes.

Dayes M.	W.	Feast Dayes.	Simple Interest.	Simple Rebate.
1	D	All Sts	.050136986	.95225671
2	E		301369	.95210767
3	F		465753	.95195868
4	G		630136	.95180975
5	A	P. Conspi.	794520	.95166084
6	B		958904	.95151104
7	C		.051123287	.95136318
8	D		287671	.95121347
9	E		452054	.95106571
10	F		616438	.95091704
11	G		780822	.94076842
12	A		945205	.95061985
13	B		.052109589	.95047132
14	C		273972	.95032284
15	D		438356	.95017441
16	E		602739	.95002602
17	F		767123	.94987768
18	G		931506	.94972939
19	A		.053095890	.94958113
20	B		260273	.94943294
21	C		424657	.94927912
22	D		589041	.94916515
23	E		753424	.94898870
24	F		917808	.94885112
25	G		.054082191	.94869262
26	A		246575	.94854469
27	B		410958	.94839681
28	C		575342	.94824898
29	D		739726	.94810120
30	E	An. Apost	904109	.94795449

Decimal fractions for days.		Compound Interest.	Compound Rebate.
305	8356164	1.049895336	.95247592
306	83561	1.050062933	.95232388
307	8410958	0230335	.95217188
308	38356	0398261	.95201986
309	65753	0565953	.95186789
310	93150	0733679	.95171596
311	8520547	0901432	.95156403
312	47945	1020810	.95141214
313	75342	1237020	.95126026
314	8602739	1404858	.95110842
315	30136	1572714	.95095660
316	57534	1738180	.95080481
317	84931	1908515	.95065301
318	8712328	2076452	.95050126
319	39725	2244425	.95034954
320	67123	2412418	.95019785
321	94520	2580440	.95004617
322	8821917	2748489	.94989450
323	49314	2916563	.94974288
324	76712	3084180	.94959129
325	8904109	3252794	.94943971
326	31506	3420949	.94928814
327	58904	3589108	.94913660
328	86301	3757318	.94898508
329	9013698	3925553	.94883360
330	41095	4093831	.94868216
331	68493	4262131	.94853072
332	95890	4430478	.94837930
333	9123287	4598766	.94822792
334	50684	4767113	.94807657

December hath xxxi. dayes.

Dayes M. W		Feasts Dayes.	Simple Interest.	Simple Rebate.
1	F		.055068493	.94780576
2	G		232876	.94765811
3	A		397260	.94751051
4	B		561643	.94736295
5	C		726027	.94721544
6	D		890410	.94706798
7	E		.056054794	.94692056
8	F		219178	.94677318
9	G		383561	.94662501
10	A		547945	.94647858
11	B		712328	.94633134
12	C		876712	.94618415
13	D		.057041095	.94603701
14	E		205479	.94588991
15	F		369863	.94574286
16	G		534246	.94559585
17	A		698630	.94544889
18	B		863013	.94530197
19	C		.058027397	.94515510
20	D		191780	.94500828
21	E	*Thomas*	356164	.94486150
22	F	*Apost.*	520547	.94471477
23	G		684931	.94456808
24	A		849315	.94442144
25	B	*Christmas*	.059013698	.94427485
26	C	*S. Steu.*	178082	.94412829
27	D	*S. John*	342465	.94398179
28	E	*Innocent*	506849	.94383533
29	F		671232	.94368897
30	G		835616	.94354254
31	A	*Silvest.*	.060000000	.94339622

Decimal fractions for days.		Compound Interest.	Compound Rebate.
335	9178082	1.054935559	.94792513
336	9205479	5103982	.94777388
337	32876	5272407	.94762259
338	60273	5440912	.94747133
339	87671	5609416	.94732008
340	9315068	5778678	.94716889
341	42465	5946508	.94701766
342	69862	6115093	.94686651
343	97260	6283706	.94671536
344	9424657	6452343	.94656422
345	52054	6621012	.94641313
346	79451	6789705	.94626207
347	9506849	6958443	.94611102
348	34246	7127172	.94596000
349	61643	7295946	.94580899
350	89041	7464748	.94565801
351	9616438	7633576	.94550708
352	43835	7802434	.94535612
353	71232	7971313	.94520522
354	98630	8140222	.94505435
355	9726027	8309157	.94490347
356	53424	8478129	.94475265
357	80821	8647110	.94460184
358	9808219	8816127	.94445106
359	35616	8985178	.94430030
360	63013	9154242	.94414951
361	90410	9323339	.94399884
362	9917808	9492461	.94384815
363	45205	9661616	.94369750
364	72692	9837952	.94354685
365	0000000	1.0600	.94339622

A Table shewing the Number of Days.

Jan.	Febr.	Mar.	April	May	June
31	28	31	30	31	30
Febr.	Mar.	April	May	June	July
59	59	61	61	61	61
Mar.	April	May	June	July	Aug.
90	89	92	91	92	92
April	May	June	July	Aug.	Sept.
120	120	122	122	123	122
May	June	July	Aug.	Sept.	Octob.
151	150	153	153	153	153
June	July	Aug.	Sept.	Octob.	Nov.
181	181	184	183	184	183
July	Aug.	Sept.	Oct.	Nov.	Dec.
212	212	214	214	214	214
Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
243	242	245	244	245	245
Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
273	273	295	275	276	273
Octob.	Nov.	Dec.	Jan.	Feb.	Mar.
304	303	306	306	304	304
Nov.	Dec.	Jan.	Feb.	Mar.	April
334	334	337	334	335	334
Dec.	Jan.	Feb.	Mar.	April	May
365	365	365	365	365	365

from the beg. of any Month to the end of any other.

July	Aug.	Sept.	Oct.	Nov.	Dec.
31	31	30	31	30	31
Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
62	61	61	61	61	62
Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
92	92	91	92	92	90
Octob.	Nov.	Dec.	Jan.	Feb.	Mar.
123	122	122	123	120	121
Nov.	Dec.	Jan.	Feb.	Mar.	April
153	153	153	151	151	151
Dec.	Jan.	Feb.	Mar.	April	May
184	184	181	182	181	182
Jan.	Febr.	Mar.	April	May	June
215	212	212	212	212	212
Febr.	Mar.	April	May	June	July
243	243	242	243	242	243
Mar.	April	May	June	July	Aug.
274	273	273	273	273	274
April	May	June	July	Aug.	Sept.
304	304	303	304	304	304
May	June	July	Aug.	Sept.	Octob.
335	334	334	335	334	335
June	July	Aug.	Sept.	Octob.	Nov.
365	365	365	365	365	365

A Table ſhewing the Increaſe of 1 *l. at* 6 per

	1.014674		1.439334
	1.02956.		1.460455
	1.044670		1.481885
1	1.060000	7	1.503630
	1.075554		1.525694
	1.091336		1.548082
	1.107351		1.570798
2	1.123600	8	1.593848
	1.140087		1.617236
	1.156817		1.640967
	1.173792		1.665046
3	1.191016	9	1.689479
	1.208493		1.714270
	1.226226		1.739425
	1.244219		1.764949
4	1.262477	10	1.790847
	1.281002		1.817126
	1.299799		1.843790
	1.318872		1.870846
5	1.338225	11	1.898298
	1.357862		1.926154
	1.377787		1.954418
	1.398005		1.983096
6	1.418519	12	2,012196

cent. per an. *Compound Intereſt for* 30. *years.*

	2.041723
	2.071683
	2.102082
13	2.132928
	2.164226
	2.195984
	2.228207
14	2.260904
	2.294080
	2.327743
	2.361900
15	2.396558
	2.431725
	2.467407
	2.503614
16	2.540351
	2.577628
	2.615492
	2.653831
17	2.692773
	2.732286
	2.772379
	2.813061
18	2.854339
	2.896223
	2.938722
	2.981844
19	3.025599
	3.069996
	3.115045
	3.160755
20	3.207135
	3.254196
	3.301948
	3.350400
21	3.399563
	3.449448
	3.500065
	3.551424
22	3.603537
	3.656415
	3.710069
	3.764509
23	3.819749
	3.875800
	3.932673
	3.990380
24	4.048934

A Table ſhewing the Increaſe of 1 *l. at* 6 per cent. per ann. *Compound Intereſt for* 30 *years.*

	4.108348			4.893108
	4.168633			4.964909
	4.229803			5.037763
25	4.291870		28	5.111686
	4.354849			5.186695
	4.418751			5.262803
	4.483591			5.340029
26	4.549383		29	5.418388
	4.616139			5.491896
	4.683876			5.578571
	4.752607			5.660431
27	4.822346		30	5.743491

A Table

A Table shewing the present worth of 1 pound for 30 years at 6 per cent. Compound Interest.

	.9855383		.6947656
	.9712858		.6847182
	.9572394		.6748160
1	.9433962	7	.6650571
	.9297531		.6554393
	.9163074		.6459606
	.9030560		.6366189
2	.8899964	8	.6274123
	.8771256		.6183389
	.8644409		.6093967
	.8519397		.6005839
3	.8396193	9	.5918984
	.8274770		.5833386
	.8155103		.5749026
	.8037167		.5665885
4	.7920936	10	.5583947
	.7806387		.5503194
	.7693493		.5423609
	.7582233		.5345175
5	.7472581	11	.5268875
	.7364516		.5191693
	.7258013		.5116612
	.7153050		.5042618
6	.7049605	12	.4969693

A Table shewing the present worth of 1 *pound for*

	.4897823			.3452772
	4826993			.3402839
	.4757187			.3353629
13	.4688390		19	.3305130
	.4620588			.3257332
	.4553767			.3210226
	4487012			.3163801
14	.4423009		20	.3118047
	4359045			.3072955
	.4296006			.3028515
	.4233879			.2984718
15	4172650		21	.2941554
	.4112307			.2899014
	.4052836			.2857089
	3994226			.2815771
16	3936463		22	.2775051
	.3879535			.2734919
	.3823430			.2695367
	.3768137			.2656388
17	.3713644		23	.2617972
	.3659939			.2580112
	.3607010			.2542799
	.3554847			.2506026
18	.3503438		24	.2469785

30 *years at* 6 per cent. per an. *Comp. Intereſt.*

	.2454068		.2043690
	.2398867		.2014135
	.2364176		.1985008
25	.2329986	28	.1956301
	.2296291		.1928010
	.2263082		.1900128
	.2230355		.1872648
26	.2198100	29	.1845567
	.2166312		.1818877
	.2134963		.1792573
	.2104108		.1766649
27	.2073679	30	.1741101

A Table shewing the present worth of 1 l.

	5	6	7	8
1	0.95238	0.94339	0.93457	0.92592
2	1.85941	1.83339	1.80801	1.78326
3	2.72325	2.67301	2.62431	2.57709
4	3.54595	3.46510	3.38721	3.31212
5	4.32948	4.21236	4.10019	3.99271
6	5.07569	4.91732	4.76653	4.62287
7	5.78737	5.58238	5.38928	5.20637
8	6.46321	6.26979	5.97129	5.74663
9	7.10782	6.80169	6.51523	6.24688
10	7.72173	7.36008	7.02358	6.71008
11	8.30641	7.88687	7.49067	7.13896
12	8.86325	8.38384	7.94268	7.53607
13	9.39357	8.85268	8.35765	7.90377
14	9.89864	9.29492	8.74546	8.24423
15	10.37965	9.71224	9.10791	8.55947
16	10.83776	10.10589	9.44664	8.85136
17	11.27406	10.47725	9.76322	9.12163
18	11.68958	10.82760	10.05908	9.37188
19	12.08532	11.15811	10.33559	9.60359
20	12.46220	11.46992	10.59401	9.81814
21	12.82115	11.76407	10.83552	10.01680
22	13.16300	12.04152	11.06124	10.20074
23	13.48857	12.30337	11.27218	10.37105
24	13.71864	12.55035	11.46933	10.52875
25	14.09394	12.78335	11.65358	10.67477
26	14.37518	13.00316	11.82577	10.80997
27	14.64303	13.21053	11.98671	10.93516
28	14.89812	13.40616	12.13711	11.05107
29	15.14107	13.59071	12.27767	11.15840
30	15.37245	13.76482	12.40904	11.25778

Annuity for 30 years at 10 ſeveral Rates.

9	10	11	12
0.91743	0.90909	0.90090	0.89285
1.75911	1.73554	1.71252	1.69005
2.53129	2.48685	2.44371	2.40183
3.23972	3.16986	3.10245	3.03735
3.88965	3.79078	3.69590	3.60478
4.48592	4.35526	4.23054	4.11141
5.03295	4.86842	4.71219	4.56375
5.53482	5.33493	5.14612	4.96764
5.99524	5.75902	5.53704	5.32825
6.41766	6.14457	5.88923	5.65022
6.80519	6.49506	6.20651	5.93770
7.16072	6.81369	6.49235	6.19437
7.48690	7.10336	6.74987	6.42355
7.78615	7.36669	6.98186	6.62817
8.06069	7.60608	7.19087	6.81086
8.31256	7.82371	7.37916	6.97399
8.54363	8.02155	7.54879	7.11963
8.75562	8.20141	7.70162	7.24967
8.95011	8.36492	7.83929	7.36578
9.12854	8.51356	7.96333	7.46944
9.29224	8.64869	8.07507	7.56200
9.44242	8.77154	8.17574	7.64464
9.58020	8.88322	8.26643	7.71843
9.70661	8.98474	8.34813	7.78431
9.82258	9.07704	8.42174	7.84314
9.92897	9.16094	8.48806	7.89566
10.02658	9.23722	8.54780	7.94255
10.11613	9.30657	8.60162	7.98442
10.19828	9.36961	8.65011	8.02181
10.27365	9.42691	8.69379	8.05518

	13	14	A Table ſhewing the Increaſe of 1 l. Annuity for 30 years at 6 per annum.
1	0.88495	0.87719	1.00000
2	1.66810	1.64666	2.06000
3	2.36115	2.32163	3.18360
4	2.97447	2.91371	4.37461
5	3.51723	3.43308	5 63709
6	3.99755	3.88867	6.97531
7	4.42261	4.28830	8.39383
8	4.79877	4.63886	9.89746
9	5.13165	4.94637	11.49131
10	5.42624	5.21612	13.18079
11	5.68694	5.45273	14.97164
12	5.91765	5.66029	16.86994
13	6.12181	5.84236	18.88213
14	6.30249	6.00207	21.01506
15	6.46238	6.14217	23.27596
16	6.60387	6.26506	25.67252
17	6.72909	6.37286	28.21287
18	6.83990	6.46742	30.90565
19	6.93797	6.55037	33.75999
20	7.02475	6 62313	36.78559
21	7.10155	6.68696	39.99272
22	7.16951	6.74294	43.39228
23	7.22966	6.79206	46.99582
24	7.28288	5.83514	50.81557
25	7.32998	6 87293	54.86451
26	7.37167	6.90608	59.15638
27	7.40855	5.93515	63.70576
28	7.44120	6.96066	68.52810
29	7.47009	6.98304	73.63979
30	7.49565	7.00266	79.05818

A Table for the speedy Reducing of English Coin into Decimals, and the contrary.

25.	100000		6	075	
	098958			073958	
	097916			072916	
	096875			071874	
11	095833		5	070833	
	094791			069792	
	09375			06875	
	092708			067708	
10	091666		4	066666	
	090625			065625	
	089583			064583	
	088541			063542	
9	0875		3	0625	
	086458			061458	
	085416			060416	
	084375			059375	
8	083333		2	058333	
	082291			057292	
	08125			05625	
	080208			055208	
7	079166		1	054166	
	078125			053125	
	077083			052083	
	076014			051042	

A Table for the speedy Reducing of English Coin into Decimals, and the contrary.

1s.	05	6	025
	048958		023958
	047916		022916
	046875		021874
11	045833	5	020833
	044791		019791
	043750		01875
	042708		017708
10	041666	4	016666
	040625		015625
	039583		014583
	038541		013541
9	0375	3	0125
	036458		011458
	035416		010416
	034375		009375
8	033333	2	008333
	032291		007291
	03125		00625
	030208		005208
7	029166	1	004166
	028125		003125
	027083		002083
	026014		001042

THE POSTSCRIPT TO *The Scale of Intereſt:* OR, *A Direction for the Deans and Chapters in Cathedrals, for the Heads and Fellows of Colledges in both Univerſities, in their letting of Leaſes, and taking of Fines.*

Since this Treatiſe was Printed, I had this Queſtion propounded to me:

If One pound be given to renew 7 years after 14, what ſhall be given for 4 years after 17.

The which Queſtion, with others of the like nature, Cathedral Churches and Colledges, have frequent occaſion to reſolve, but I know no Tables extant to that purpoſe: In this Treatiſe, theſe Queſtions may be indeed reſolved, by the Table ſhewing the preſent worth of Annuities at

10 several rates of Interest, but not without some trouble; for the rates of Interest in that Table, do not exactly fit the rate of Interest suteable to the Question, as by inspection may easily be discerned; 11 pound *per Cent. per Annum* is too little, and 12 *per Cent.* too much, and by taking the part proportional, I found the rate of Interest suteable to the Question to be 11 Pounds, 11 Shillings, 8 Pence Farthing, and 3 tenths of a Farthing. And so much do the Tenants of Cathedal Churches and Colledges make of their Money, in the aforesaid proportion of renewing their Leases.

And therefore to make this Treatise as serviceable as I could to all mens occasions, I have here Annexed a short Table suteable to this rate of Interest, for the just proportioning of the fines in the renewing of Leases for any time under 21 years, which is the utmost extent of time for which such Leases are now made, Leases for Lives and Houses excepted.

And this Table doth consist of two parts, the first sheweth the present worth of One Pound for any number of years under 22, and is to be used as the other Tables of that nature in this Treatise.

Example. Let the present worth of 53 pounds *per Annum* for 13 years be required. The present worth of 1*l.* for that time is 6.55907, which being

A TABLE shewing the present worth of Annuities at 11 pound, 11 shillings, 8 pence farthing, and 3 tenths of a farthing *per Cent. per Annum.*

Being the Rate of Interest allowed to Tenants in their Leases of Lands, which they hold from Cathedral Churches and Colledges.

I. Part.	What is the present worth of 1 year after 20	II. Part
1	.90034	0.10052

2	1.69938	of	2	years after	19	0.21264
3	2.41922		3		18	0.33770
4	3.06438		4		17	0.47720
5	3.64262		5		16	0.63281
6	4.16088		6		15	0.80639
7	4.62540	of	7	years after	14	1.00000
8	5.04176		8		13	1.21600
9	5.41496		9		12	1.45688
10	5.74948		10		11	1.72573
11	6.04934		11		10	2.02559
12	6.31819	of	12	years after	9	2.36011
13	6.55907		13		8	2.73331
14	6.77507		14		7	3.14967
15	6.96868		15		6	3.61419
16	7.14226		16		5	4.13245
17	7.29786	of	17	years after	4	4.71069
18	7.43737		18		3	5.35588
19	7.56243		19		2	6.07188
20	7.67455		20		1	6.87473
21	7.77507					

[illegible] plyed by 53, the product is 343.63071, and therefore the present worth of 53 pounds *per annum* for 13 years to come is 343 pounds, 12 shillings, 7 pence farthing, the like may be done for any other.

The second part of this Table sheweth the present worth of one pound Annuity for any number of years expired under 21, as in the Question propounded to me, when 7 years in such Lease are expired, what fine shall be paid to renew such a Lease for 7 years; that is, what shall be paid to make the 14 years remaining in that Lease 21 years again; or, what is 7 years worth after 14. By this Table

The present worth of 21 years is,	7. 77507
The present worth of 14 years is,	6. 77507
And their difference One pound,	1. 00000

the present worth of one pound Annuity for years after 14. But to save this labour, the second part of this Table doth resove this and all other Questions, of the like nature, by inspection only.

Thus the present worth of 9 years after 12, [illegible]45688; that is, 1 *l*. 9 *s*. 1 *d*.

[illegible] the present worth of One pound Annuity [illegible] years after 17 is, 0. 47720, which being re- [illegible] The like may be done for